

2000 Annual Index for SIMULATION

Volumes 74 and 75
Numbers 1 through 6

The index for articles in *SIMULATION* for 2000 appears in five parts. First is an Index by Title: Technical Articles and Notes. This list includes (1) article numbers, (2) titles, (3) first authors, (4) volume, number and month, and (5) pages. The Index by Title: Running Columns and Stories includes the same basic information. The other indices refer back to the article numbers that appear in this index. A slash (/) indicates a truncated title. The full title appears in the Index by Author.

The Index by Author lists all authors, but complete article information appears only under the listing for the first author: (1) name, (2) article number, (3) article title, (4) co-authors, (5) issue volume and number, and (6) pages. For co-authors, the index

refers you to the first author's listing, or to the article number in the Index by Title.

The List of Special Issues includes the issue's subject, date, guest editor(s) and number of articles. The Index by Keyword includes the keyword(s), followed by the (1) article number, (2) issue volume, number and month, (3) pages, and (4) first author.

The SCS Website includes full titles, author information and abstracts for all Technical Articles and Technical Notes. Go to www.scs.org and select Publications. Then select *SIMULATION*, then Table of Contents for 2000, Volumes 74 and 75.

Index by Title: Technical Articles and Notes

No. Article Title

1 Analysis of Dual-Bus Metropolitan Area Networks Using Distributed Quantitative
2 Buckling Analysis of a Building Stud-Spacer Assembly and Simulation of Spacer Punching/
3 A Computational Framework for Boundary-Value Problem Based Simulations
4 Creating Galaxies on a PC
5 Development of a Sailing Dinghy Simulator
6 Flow Simulation in Stochastic Porous Media
7 Fuzzy Inductive Reasoning Model-Based Fault Detection Applied to a Commercial Aircraft
8 Impact of Emulation Code on the Performance Evaluation of Simulated Systems
9 The Impact of Stochastic Tool Life on Shop Performance: A Simulation Study
10 Input Data Analysis Using Neural Networks
11 Intelligent Computer-Aided Simulation, Design and Improvement of Heat Pumps
12 Local Compilation: A Novel Paradigm for Multilanguage-Based and Reliable Distributed/
13 Mathematical Models for the Analysis of Hepatitis B and AIDS Epidemics
14 Microprocessor Simulation and Program Assembling Using Spreadsheets
15 Modeling a Printed Circuit Board Assembly Line Using Objects
16 Modeling and Simulation Issues in Powertrain Control
17 Modeling and Simulation of Computerized Tomography Systems
18 Modeling and Simulative Performance Analysis of SMP and Clustered Computer Architectures
19 MPEG Traffic Generation Matching, Intra- and Inter-GoP Correlation
20 A Parallel Simulation Methodology for Speedup and Obtaining Performance Estimates with/
21 Patient-Centered Simulation to Aid Decision-Making in Hospital Management
22 Performance Analysis of a Multicast Protocol for Wireless Environments
23 Poisson Simulation—A Method for Generating Stochastic Variations in Continuous System/
24 Reducing Rollbacks Through Partitioning in PCS Parallel Simulation
25 A Regression Approach For Developing Mathematical Models For Management and/
26 Silt Erosion in Hydraulic Turbines: The Need for Real-Time Numerical Simulations
27 Simulating Colloidal Thickening: Virtual Papermaking
28 A Simulation Approach for Establishing Limits on Quality Expenditures
29 Simulation Approach to Decision Assessment in Enterprises
30 A Simulation Framework for Subjective Listening Evaluation of Synthesized Automotive/
31 A Simulation Model for Availability Under Battlefield Situations
32 Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile/
33 Simulation of Aircraft Pilot Flight Controls Using Nonlinear System Identification
34 Simulation of UICCELL II
35 Simulation-based Optimization in the Automotive Industry—A Case Study on Body Shop/
36 Simulations Technologies in the Mission Operational Environment
37 Study on the Dynamical Behavior of a Real-Time Distributed Simulation System
38 Three-Dimensional Acoustic Simulation Based on Virtual Environments
39 A Tool for Simulated Social Experiments
40 Trace Driven Simulation of Dynamic Branch Prediction Schemes
41 Uncertainty in Mode Shape Data and its Influence on the Comparison of Test and Analysis/
42 Using Expert Systems for Simulation Modeling of Patient Scheduling
43 Using Simulation To Evaluate Resource Utilization Strategies
44 Visualisation of Co-operation in the Construction of a Monolithic Building

First Author	Issue	Pages
Yau, V.	75:3-Sep	157-169
Guo, J.	75:2-Aug	100-108
Adomaitis, R.A.	74:1-Jan	28-38
Raczynski, S.	74:3-Mar	161-166
Gale, T.J.	74:3-Mar	167-179
Dodson, C.T.J.	74:6-Jun	351-358
Mirats Tur, J.M.	75:4-Oct	188-198
Khalid, H.	75:3-Sep	141-147
Lyman, S.B.	74:4-Apr	207-218
Yilmaz, A.	74:3-Mar	128-137
Wu, C.	74:1-Jan	18-27
Wong, A.K.Y.	75:1-Jul	18-31
Alfonseca, M.	74:4-Apr	219-226
El-Hajj, A.	75:2-Aug	82-90
Narayanan, S.	75:5-Nov	287-300
Friedman, J.	75:5-Nov	249-263
Smith, B.J.	74:6-Jun	324-331
Burns, M.W.	74:2-Feb	84-96
Lombardo, A.	74:2-Feb	97-109
Yau, V.	75:4-Oct	211-224
Moreno, L.	74:5-May	290-304
Sadok, D.F.H.	75:1-Jul	32-42
Gustafsson, L.	74:5-May	264-274
Boukerche, A.	75:1-Jul	43-55
Chung, C.A.	74:5-May	275-280
Bergeron, S.Y.	74:2-Feb	71-74
Scharcanski, J.	74:4-Apr	200-206
Mackulak, G.T.	74:5-May	281-289
Kljajic, M.	75:4-Oct	199-210
Amman, S.A.	74:6-Jun	340-350
Upadhyaya, K.S.	74:6-Jun	332-339
Gil, J.-M.	75:1-Jul	6-17
Eklund, J.M.	75:2-Aug	72-81
Chang, C.K.	75:3-Sep	128-140
Spieckermann, S.	75:5-Nov	276-286
Surdu, J.R.	74:3-Mar	138-160
Lin, K.-C.	74:1-Jan	11-17
Xiaoguang, Z.	75:2-Aug	91-99
Szilagyi, M.N.	74:1-Jan	4-10
Gamez, J.F.	74:4-Apr	227-242
Cafeo, J.A.	75:5-Nov	264-275
Standridge, C.R.	75:3-Sep	148-156
Dear, R.G.	74:2-Feb	75-83
Marlewski, A.	75:4-Oct	225-230

2000 Annual Index for SIMULATION

Volumes 74 and 75
Numbers 1 through 6

The index for articles in *SIMULATION* for 2000 appears in five parts. First is an Index by Title: Technical Articles and Notes. This list includes (1) article numbers, (2) titles, (3) first authors, (4) volume, number and month, and (5) pages. The Index by Title: Running Columns and Stories includes the same basic information. The other indices refer back to the article numbers that appear in this index. A slash (/) indicates a truncated title. The full title appears in the Index by Author.

The Index by Author lists all authors, but complete article information appears only under the listing for the first author: (1) name, (2) article number, (3) article title, (4) co-authors, (5) issue volume and number, and (6) pages. For co-authors, the index

refers you to the first author's listing, or to the article number in the Index by Title.

The List of Special Issues includes the issue's subject, date, guest editor(s) and number of articles. The Index by Keyword includes the keyword(s), followed by the (1) article number, (2) issue volume, number and month, (3) pages, and (4) first author.

The SCS Website includes full titles, author information and abstracts for all Technical Articles and Technical Notes. Go to www.scs.org and select Publications. Then select *SIMULATION*, then Table of Contents for 2000, Volumes 74 and 75.

Index by Title: Technical Articles and Notes

No. Article Title

1 Analysis of Dual-Bus Metropolitan Area Networks Using Distributed Quantitative
2 Buckling Analysis of a Building Stud-Spacer Assembly and Simulation of Spacer Punching/
3 A Computational Framework for Boundary-Value Problem Based Simulations
4 Creating Galaxies on a PC
5 Development of a Sailing Dinghy Simulator
6 Flow Simulation in Stochastic Porous Media
7 Fuzzy Inductive Reasoning Model-Based Fault Detection Applied to a Commercial Aircraft
8 Impact of Emulation Code on the Performance Evaluation of Simulated Systems
9 The Impact of Stochastic Tool Life on Shop Performance: A Simulation Study
10 Input Data Analysis Using Neural Networks
11 Intelligent Computer-Aided Simulation, Design and Improvement of Heat Pumps
12 Local Compilation: A Novel Paradigm for Multilanguage-Based and Reliable Distributed/
13 Mathematical Models for the Analysis of Hepatitis B and AIDS Epidemics
14 Microprocessor Simulation and Program Assembling Using Spreadsheets
15 Modeling a Printed Circuit Board Assembly Line Using Objects
16 Modeling and Simulation Issues in Powertrain Control
17 Modeling and Simulation of Computerized Tomography Systems
18 Modeling and Simulative Performance Analysis of SMP and Clustered Computer Architectures
19 MPEG Traffic Generation Matching, Intra- and Inter-GoP Correlation
20 A Parallel Simulation Methodology for Speedup and Obtaining Performance Estimates with/
21 Patient-Centered Simulation to Aid Decision-Making in Hospital Management
22 Performance Analysis of a Multicast Protocol for Wireless Environments
23 Poisson Simulation—A Method for Generating Stochastic Variations in Continuous System/
24 Reducing Rollbacks Through Partitioning in PCS Parallel Simulation
25 A Regression Approach For Developing Mathematical Models For Management and/
26 Silt Erosion in Hydraulic Turbines: The Need for Real-Time Numerical Simulations
27 Simulating Colloidal Thickening: Virtual Papermaking
28 A Simulation Approach for Establishing Limits on Quality Expenditures
29 Simulation Approach to Decision Assessment in Enterprises
30 A Simulation Framework for Subjective Listening Evaluation of Synthesized Automotive/
31 A Simulation Model for Availability Under Battlefield Situations
32 Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile/
33 Simulation of Aircraft Pilot Flight Controls Using Nonlinear System Identification
34 Simulation of UICCELL II
35 Simulation-based Optimization in the Automotive Industry—A Case Study on Body Shop/
36 Simulations Technologies in the Mission Operational Environment
37 Study on the Dynamical Behavior of a Real-Time Distributed Simulation System
38 Three-Dimensional Acoustic Simulation Based on Virtual Environments
39 A Tool for Simulated Social Experiments
40 Trace Driven Simulation of Dynamic Branch Prediction Schemes
41 Uncertainty in Mode Shape Data and its Influence on the Comparison of Test and Analysis/
42 Using Expert Systems for Simulation Modeling of Patient Scheduling
43 Using Simulation To Evaluate Resource Utilization Strategies
44 Visualisation of Co-operation in the Construction of a Monolithic Building

First Author	Issue	Pages
Yau, V.	75:3-Sep	157-169
Guo, J.	75:2-Aug	100-108
Adomaitis, R.A.	74:1-Jan	28-38
Raczynski, S.	74:3-Mar	161-166
Gale, T.J.	74:3-Mar	167-179
Dodson, C.T.J.	74:6-Jun	351-358
Mirats Tur, J.M.	75:4-Oct	188-198
Khalid, H.	75:3-Sep	141-147
Lyman, S.B.	74:4-Apr	207-218
Yilmaz, A.	74:3-Mar	128-137
Wu, C.	74:1-Jan	18-27
Wong, A.K.Y.	75:1-Jul	18-31
Alfonseca, M.	74:4-Apr	219-226
El-Hajj, A.	75:2-Aug	82-90
Narayanan, S.	75:5-Nov	287-300
Friedman, J.	75:5-Nov	249-263
Smith, B.J.	74:6-Jun	324-331
Burns, M.W.	74:2-Feb	84-96
Lombardo, A.	74:2-Feb	97-109
Yau, V.	75:4-Oct	211-224
Moreno, L.	74:5-May	290-304
Sadok, D.F.H.	75:1-Jul	32-42
Gustafsson, L.	74:5-May	264-274
Boukerche, A.	75:1-Jul	43-55
Chung, C.A.	74:5-May	275-280
Bergeron, S.Y.	74:2-Feb	71-74
Scharcanski, J.	74:4-Apr	200-206
Mackulak, G.T.	74:5-May	281-289
Kljajic, M.	75:4-Oct	199-210
Amman, S.A.	74:6-Jun	340-350
Upadhyaya, K.S.	74:6-Jun	332-339
Gil, J.-M.	75:1-Jul	6-17
Eklund, J.M.	75:2-Aug	72-81
Chang, C.K.	75:3-Sep	128-140
Spieckermann, S.	75:5-Nov	276-286
Surdu, J.R.	74:3-Mar	138-160
Lin, K.-C.	74:1-Jan	11-17
Xiaoguang, Z.	75:2-Aug	91-99
Szilagyi, M.N.	74:1-Jan	4-10
Gamez, J.F.	74:4-Apr	227-242
Cafeo, J.A.	75:5-Nov	264-275
Standridge, C.R.	75:3-Sep	148-156
Dear, R.G.	74:2-Feb	75-83
Marlewski, A.	75:4-Oct	225-230

Index by Title: Running Columns and Stories

AI and Simulation

45	Simulating Multiple Intelligent Agents as Group Work Participants	74:1-Jan	39-40	Wildberger, A.M.
46	Facets of Intelligence in Humans and Machines	74:2-Feb	110-111	Wildberger, A.M.
47	Data Mining & Knowledge Discovery with QDS & GP	74:3-Mar	180-181	Wildberger, A.M.
48	Software Engineering: Using Simulation & AI in Prototyping	74:4-Apr	243-244	Wildberger, A.M.
49	Concurrent Simulation for Joint Planning by Human & Machine	74:5-May	305-306	Wildberger, A.M.
50	AI Techniques for Real Time Joint Planning	74:6-Jun	359-360	Wildberger, A.M.
51	Wireless Communication	75:1-Jul	57-58	Wildberger, A.M.
52	Ordinal Optimization and Soft Computing	75:2-Aug	109-110	Wildberger, A.M.
53	Enterprise Modeling	75:3-Sep	171-172	Wildberger, A.M.
54	Modeling the Emergence of Cooperation & Trust	75:4-Oct	231-232	Wildberger, A.M.
55	AI & Simulation in the Automotive Industry	75:5/6-Nov/Dec	303-304	Wildberger, A.M.

Simulation in the Service of Society

56	74:1-Jan	46-51	McLeod, J.	70	74:1-Jan	111	SCS Award
57	74:2-Feb	118-122	McLeod, J.	71	74:4-Apr	246	McLeod Award
58	74:3-Mar	188-192	McLeod, J.	72	74:6-Jun	363	Board of Directors Election Results
59	74:4-Apr	254-258	McLeod, J.	73	75:2-Aug	111	Distinguished Service Award
60	74:5-May	313-318	McLeod, J.	74	75:2-Aug	123-124	In Memoriam--A. Alan B. Pritsker
61	74:6-Jun	368-373	McLeod, J.				
62	75:1-Jul	64-68	McLeod, J.				
63	75:2-Aug	118-122	McLeod, J.				
64	75:3-Sep	178-182	McLeod, J.				
65	75:4-Oct	239-243	McLeod, J.				
66	75:5/6-Nov/Dec	310-317	McLeod, J.				

Book Reviews

67	74:4-Apr	245	Modeling the Environment: An Introduction to System Dynamics Models of Environmental Systems; Reviewed by Oscar Castillo
68	74:6-Jun	361	Simulation with Visual SLAM and Awesim; Reviewed by Helen Karatza
69	75:3-Sep	170	Tracking and Kalman Filtering Made Easy; Reviewed by Joseph Cynamon

Index by Author

Key for Index by Author

First author's last name, first initial; article number; article title; co-author's last name, first initial; volume : number; pages

Co-author's last name, first initial; article number; article title; see first author last name, first initial

Adhami, R.R.; 17; Modeling and Simulation of Computerized Tomography Systems; see Smith, B.J.

Adomaitis, R.A.; 3; A Computational Framework for Boundary-Value Problem Based Simulations; 74:1-Jan; 28-38

Aguilar, R.M.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; see Moreno, L.

Akhtar, S.; 40; Trace Driven Simulation of Dynamic Branch Prediction Schemes; see Gamez, J.F.

Alfonseca, M.; 13; Mathematical Models for the Analysis of Hepatitis B and AIDS Epidemics; 74:4-Apr; 219-226

Amman, S.A.; 30; A Simulation Framework for Subjective Listening Evaluation of Synthesized Automotive Sounds; 74:6-Jun; 340-350

Bergeron, S.Y.; 26; Silt Erosion in Hydraulic Turbines: The Need for Real-Time Numerical Simulations; 74:2-Feb; 71-74

Bernik, I.; 29; Simulation Approach to Decision Assessment in Enterprises; see Kljacic, M.

Bingrong, H.; 38; Three-Dimensional Acoustic Simulation Based on Virtual Environments; see Xiaoguang, Z.

Bodner, D.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; see Narayanan, S.

Boskovic, D.; 16; Modeling and Simulation Issues in Powertrain Control; see Friedman, J.

Boukerche, A.; 24; Reducing Rollbacks Through Partitioning in PCS Parallel Simulation; 75:1-Jul; 43-55

Burns, M.W.; 18; Modeling and Simulative Performance Analysis of SMP and Clustered Computer Architectures; 74:2-Feb; 84-96

Cafeo, J.A.; 41; Uncertainty in Mode Shape Data and its Influence on the Comparison of Test and Analysis Models; 75:5/6-Nov/Dec; 264-275

Carter, J.; 28; A Simulation Approach for Establishing Limits on Quality Expenditures; see Mackulak, G.T.

Chang, C.K.; 34; Simulation of UICCELL II; 75:3-Sep; 128-140

Chang, H.-Y.; 3; A Computational Framework for Boundary-Value Problem Based Simulations; see Adomaitis, R.A.

Chen, K.; 37; Study on the Dynamical Behavior of a Real-Time Distributed Simulation System; see Lin, K.-C.

Chung, C.A.; 25; A Regression Approach For Developing Mathematical Models For Management and Operations Training Simulators; 74:5-May; 275-280

Das, M.; 30; A Simulation Framework for Subjective Listening Evaluation of Synthesized Automotive Sounds; see Amman, S.A.

de M. Cordeiro, C.; 22; Performance Analysis of a Multicast Protocol for Wireless Environments; see Sadok, D.F.H.

Dear, R.G.; 43; Using Simulation To Evaluate Resource Utilization Strategies; 74:2-Feb; 75-83

Dillon, T.S.; 12; Local Compilation: A Novel Paradigm for Multilanguage-Based and Reliable Distributed Computing over the Internet; see Wong, A.K.Y.

Dodson, C.T.J.; 27; Simulating Colloidal Thixotropy: Virtual Papermaking; see Scharcanski, J.

Dodson, C.T.J.; 6; Flow Simulation in Stochastic Porous Media; 74:6-Jun; 351-358

Dongmu, W.; 38; Three-Dimensional Acoustic Simulation Based on Virtual Environments; see Xiaoguang, Z.

Eklund, J.M.; 33; Simulation of Aircraft Pilot Flight Controls Using Nonlinear System Identification; 75:2-Aug; 72-81

El-Haij, A.; 14; Microprocessor Simulation and Program Assembling Using Spreadsheets; 75:2-Aug; 82-90

Estévez, J.I.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; see Moreno, L.

Evans, J.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; see Narayanan, S.

Fabbri, A.; 24; Reducing Rollbacks Through Partitioning in PCS Parallel Simulation; see Boukerche, A.

Friedman, J.; 16; Modeling and Simulation Issues in Powertrain Control; 75:5/6-Nov/Dec; 249-263

Gale, T.J.; 5; Development of a Sailing Dinghy Simulator; 74:3-Mar; 167-179

Gamez, J.F.; 40; Trace Driven Simulation of Dynamic Branch Prediction Schemes; 74:4-Apr; 227-242

George, A.D.; 18; Modeling and Simulative Performance Analysis of SMP and Clustered Computer Architectures; see Burns, M.W.

Gil, J.-M.; 32; Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile Computing; 75:1-Jul; 6-17

Govindaraj, T.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; see Narayanan, S.

Guo, J.; 2; Buckling Analysis of a Building Stud-Spacer Assembly and Simulation of Spacer Punching Process; 75:2-Aug; 100-108

Gustafsson, L.; 23; Poisson Simulation—A Method for Generating Stochastic Variations in Continuous System Simulation; 74:5-May; 264-274

Gutenschwager, K.; 35; Simulation-based Optimization in the Automotive Industry—A Case Study on Body Shop Design; see Speckermann, S.

Han, Y.-H.; 32; Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile Computing; see Gil, J.-M.

Heinzel, H.; 35; Simulation-based Optimization in the Automotive Industry—A Case Study on Body Shop Design; see Speckermann, S.

Huber Garrido, R.M.; 7; Fuzzy Inductive Reasoning Model-Based Fault Detection Applied to a Commercial Aircraft; see Mirats Tur, J.M.

Hwang, C.-S.; 32; Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile Computing; see Gil, J.-M.

Jeong, Y.-S.; 32; Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile Computing; see Gil, J.-M.

Kabalan, K.Y.; 14; Microprocessor Simulation and Program Assembling Using Spreadsheets; see El-Haij, A.

Karablieh, F.; 14; Microprocessor Simulation and Program Assembling Using Spreadsheets; see El-Haij, A.

Kelner, J.; 22; Performance Analysis of a Multicast Protocol for Wireless Environments; see Sadok, D.F.H.

Kenevan, J.; 34; Simulation of UICCELL II; see Chang, C.K.

Khalid, H.; 8; Impact of Emulation Code on the Performance Evaluation of Simulated Systems; 75:3-Sep; 141-147

Kljajic, M.; 29; Simulation Approach to Decision Assessment in Enterprises; 75:4-Oct; 199-210

Korenberg, M.J.; 33; Simulation of Aircraft Pilot Flight Controls Using Nonlinear System Identification; see Eklund, J.M.

Lin, K.-C.; 37; Study on the Dynamical Behavior of a Real-Time Distributed Simulation System; 74:1-Jan; 11-17

Lin, W.W.K.; 12; Local Compilation: A Novel Paradigm for Multilanguage-Based and Reliable Distributed Computing over the Internet; see Wong, A.K.Y.

Lin, Y.; 3; A Computational Framework for Boundary-Value Problem Based Simulations; see Adomaitis, R.A.

Liu, C.K.; 34; Simulation of UICCELL II; see Chang, C.K.

Lombardo, A.; 19; MPEG Traffic Generation Matching, Intra- and Inter-GoP Correlation; 74:2-Feb; 97-109

Lust, R.V.; 41; Uncertainty in Mode Shape Data and its Influence on the Comparison of Test and Analysis Models; see Cafeo, J.A.

Lyman, S.B.; 9; The Impact of Stochastic Tool Life on Shop Performance: A Simulation Study; 74:4-Apr; 207-218

Mackulak, G.T.; 28; A Simulation Approach for Establishing Limits on Quality Expenditures; 74:5-May; 281-289

Marlewski, A.; 44; Visualisation of Co-operation in the Construction of a Monolithic Building; 75:4-Oct; 225-230

Martin, C.A.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; see Moreno, L.

Martinez-Bravo, M.T.; 13; Mathematical Models for the Analysis of Hepatitis B and AIDS Epidemics; see Alfonseca, M.

McGinnis, L.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; see Narayanan, S.

Meireis, U.M.; 41; Uncertainty in Mode Shape Data and its Influence on the Comparison of Test and Analysis Models; see Cafeo, J.A.

Mendez, E.G.; 28; A Simulation Approach for Establishing Limits on Quality Expenditures; see Mackulak, G.T.

Mirats Tur, J.M.; 7; Fuzzy Inductive Reasoning Model-Based Fault Detection Applied to a Commercial Aircraft; 75:4-Oct; 188-198

Mitchell, C.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; see Narayanan, S.

Mneimneh, M.; 14; Microprocessor Simulation and Program Assembling Using Spreadsheets; see El-Haij, A.

Mongkolwat, P.; 34; Simulation of UICCELL II; see Chang, C.K.

Morabito, G.; 19; MPEG Traffic Generation Matching, Intra- and Inter-GoP Correlation; see Lombardo, A.

Moreno, L.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; 74:5-May; 290-304

Murthy, T.; 34; Simulation of UICCELL II; see Chang, C.K.

Murthy, S.N.J.; 40; Trace Driven Simulation of Dynamic Branch Prediction Schemes; see Gamez, J.F.

Narayanan, S.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; 75:5/6-Nov/Dec; 287-300

Narh, K.A.; 2; Buckling Analysis of a Building Stud-Spacer Assembly and Simulation of Spacer Punching Process; see Guo, J.

Palazzo, S.; 19; MPEG Traffic Generation Matching, Intra- and Inter-GoP Correlation; see Lombardo, A.

Park, C.Y.; 32; Simulation of a Mobility Prediction Scheme Based on Neuro-Fuzzy Theory in Mobile Computing; see Gil, J.-M.

Pawlowski, K.; 1; Analysis of Dual-Bus Metropolitan Area Networks Using Distributed Quantitative Stochastic Simulation; see Yau, V.

Pawlowski, K.; 20; A Parallel Simulation Methodology for Speedup and Obtaining Performance Estimates with Specific Accuracy: Experiences of its Application in Studies of Metropolitan Area Networks; see Yau, V.

Piñeiro, J.D.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; see Moreno, L.

Pooch, U.W.; 36; Simulations Technologies in the Mission Operational Environment; see Surdu, J.R.

Raczynski, S.; 4; Creating Galaxies on a PC; 74:3-Mar; 161-166

Sabuncuoglu, I.; 10; Input Data Analysis Using Neural Networks; see Yilmaz, A.

Sadok, D.F.H.; 22; Performance Analysis of a Multicast Protocol for Wireless Environments; 75:1-Jul; 32-42

Sampson, W.W.; 6; Flow Simulation in Stochastic Porous Media; see Dodson, C.T.J.

Sánchez, J.L.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; see Moreno, L.

Scharcanski, J.; 27; Simulating Colloidal Thickening: Virtual Papermaking; 74:4-Apr; 200-206

Schembra, G.; 19; MPEG Traffic Generation Matching, Intra- and Inter-GoP Correlation; see Lombardo, A.

Sherif, J.S.; 43; Using Simulation To Evaluate Resource Utilization Strategies; see Dear, R.G.

Sigut, J.F.; 21; Patient-Centered Simulation to Aid Decision-Making in Hospital Management; see Moreno, L.

Sivashankar, N.; 16; Modeling and Simulation Issues in Powertrain Control; see Friedman, J.

Skraba, A.; 29; Simulation Approach to Decision Assessment in Enterprises; see Klajic, M.

Smith, B.J.; 17; Modeling and Simulation of Computerized Tomography Systems; 74:6-Jun; 324-331

Spieckermann, S.; 35; Simulation-based Optimization in the Automotive Industry—A Case Study on Body Shop Design; 75:5/6-Nov/Dec; 216-226

Sreekanth, U.; 15; Modeling a Printed Circuit Board Assembly Line Using Objects; see Narayanan, S.

Srinivasan, N.K.; 31; A Simulation Model for Availability Under Battlefield Situations; see Upadhyay, K.S.

Standridge, C.R.; 42; Using Expert Systems for Simulation Modeling of Patient Scheduling; 75:3-Sep; 148-156

Steward, D.; 42; Using Expert Systems for Simulation Modeling of Patient Scheduling; see Standridge, C.R.

Surdu, J.R.; 36; Simulations Technologies in the Mission Operational Environment; 74:3-Mar; 138-160

Szilagyi, M.N.; 39; A Tool for Simulated Social Experiments; 74:1-Jan; 4-10

Szilagyi, Z.C.; 39; A Tool for Simulated Social Experiments; see Szilagyi, M.N.

Tan, K.-C.; 9; The Impact of Stochastic Tool Life on Shop Performance: A Simulation Study; see Lyman, S.B.

Tan, S.-W.; 37; Study on the Dynamical Behavior of a Real-Time Distributed Simulation System; see Lin, K.-C.

Torrea, J.L.; 13; Mathematical Models for the Analysis of Hepatitis B and AIDS Epidemics; see Alfonseca, M.

Upadhyay, K.S.; 31; A Simulation Model for Availability Under Battlefield Situations; 74:6-Jun; 322-339

Vincent, A. P.; 26; Silt Erosion in Hydraulic Turbines: The Need for Real-Time Numerical Simulations; see Bergeron, S.Y.

Voß, K.; 35; Simulation-based Optimization in the Automotive Industry—A Case Study on Body Shop Design; see Spieckermann, S.

Vu, T.C.; 26; Silt Erosion in Hydraulic Turbines: The Need for Real-Time Numerical Simulations; see Bergeron, S.Y.

Wallace, B.A.; 18; Modeling and Simulative Performance Analysis of SMP and Clustered Computer Architectures; see Burns, M.W.

Walls, J.T.; 5; Development of a Sailing Dinghy Simulator; see Gale, T.J.

Wisner, J. D.; 9; The Impact of Stochastic Tool Life on Shop Performance: A Simulation Study; see Lyman, S.B.

Wong, A.K.Y.; 12; Local Compilation: A Novel Paradigm for Multilanguage-Based and Reliable Distributed Computing over the Internet; 75:1-Jul; 18-31

Wu, C.; 11; Intelligent Computer-Aided Simulation, Design and Improvement of Heat Pumps; 74:1-Jan; 18-27

Xiaoguang, Z.; 38; Three-Dimensional Acoustic Simulation Based on Virtual Environments; 75:2-Aug; 91-99

Yau, V.; 1; Analysis of Dual-Bus Metropolitan Area Networks Using Distributed Quantitative Stochastic Simulation; 75:3-Sep; 157-169

Yau, V.; 20; A Parallel Simulation Methodology for Speedup and Obtaining Performance Estimates with Specific Accuracy: Experiences of its Application in Studies of Metropolitan Area Networks; 75:4-Oct; 211-224

Yilmaz, A.; 10; Input Data Analysis Using Neural Networks; 74:3-Mar; 128-137

Special Issues

Mobile and Wireless Communication and Information Processing

July 2000, Vol. 75, No. 1

Marwan Al-Akaidi, Guest Editor

4 articles

Simulation in Automotive Manufacturing

November/December 2000, Vol. 75, No. 5/6

Jeffrey Abell, Guest Editor

4 articles